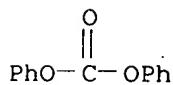


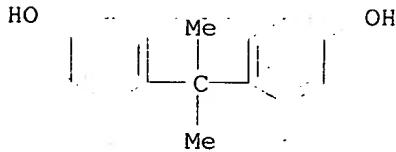
CM 2

CRN 102-09-0
CMF C13 H10 03



CM 3

CRN 80-05-7
CMF C15 H16 02



= WO 00/26275

L36 ANSWER 15 OF 92 HCPLUS COPYRIGHT 2002 ACS - WU 00/26
AN 2000:314748 HCPLUS
DN 132:309178
TI Weatherable polyester-polycarbonate block copolymers
and blends containing them
IN Siclovan, Tiberiu Mircea; Webb, Jimmy Lynn; Brown, Sterling Bruce;
Buckley, Donald Joseph, Jr.; Picket, James Edward
PA General Electric Company, USA
SO PCT Int. Appl.; 26 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM C08G063-64
CC 37-3 (Plastics Manufacture and Processing)
FAN.CNT 3

PATENT NO.		KIND	DATE	APPLICATION NO.		DATE
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PI	WO 2000026274	A1	20000511	WO 1999-US20413		19990907
	W: CN, JP, SG					
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,					
	PT, SE					

EP 1124878 A1 20010822 EP 1999-945533 19990907
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI

PRAI US 1998-181902 A 19981029
 WO 1999-US20413 W 19990907

AB The block copolymers comprise org. **carbonate** blocks alternating with arylate blocks derived from resorcinol and .gtoreq.1 arom. dicarboxylic acids (e.g., isophthaloyl chloride and terephthaloyl chloride). The block copolymers are blended with other polymers such as **polycarbonates** and poly(alkylene carboxylates) to improve the weatherability. Thus, resorcinol reacted with isophthaloyl chloride and terephthaloyl chloride in the presence of tetra(n-butyl)ammonium bromide to form a hydroxy-terminated **polyester** intermediate having M_w 19,200 and Mn 9500, and then mixed with bisphenol A and phosgene to give a block copolymer with M_w 73,000.

ST **polyester polycarbonate** block copolymer blend;
 isophthaloyl terephthaloyl chloride resorcinol **polyester** block;
 bisphenol phosgene **polycarbonate** block copolymer

IT **Polyesters**, preparation
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (**polycarbonate**-, block; weatherable polymer blends contg.
polyester-polycarbonate block copolymers)

IT **Polycarbonates**, preparation
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (**polyester**-, block; weatherable polymer blends contg.
polyester-polycarbonate block copolymers)

IT Polymerization catalysts
 (weatherable polymer blends contg. **polyester**-
polycarbonate block copolymers)

IT **Polycarbonates**, uses
Polyesters, uses
Polyesters, uses
 RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)
 (weatherable polymer blends contg. **polyester**-
polycarbonate block copolymers)

IT Polymer blends
 RL: TEM (Technical or engineered material use); USES (Uses)
 (weatherable polymer blends contg. **polyester**-
polycarbonate block copolymers)

IT 1643-19-2, Tetra(n-butyl)ammonium bromide 56375-79-2
 RL: CAT (Catalyst use); USES (Uses)
 (weatherable polymer blends contg. **polyester**-
polycarbonate block copolymers).

IT 265997-77-1P
 RL: IMF (Industrial manufacture); POF (Polymer in formulation);
 TEM (Technical or engineered material use); PREP (Preparation);
 USES (Uses)
 (weatherable polymer blends contg. **polyester**-
polycarbonate block copolymers)

IT 40472-46-6P, Isophthaloyl chloride-resorcinol-terephthaloyl chloride copolymer 66554-57-2P, Isophthaloyl chloride-resorcinol-terephthaloyl chloride copolymer, sru
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation)
 (weatherable polymer blends contg. **polyester**-
polycarbonate block copolymers)

IT 24936-68-3, uses 24968-12-5, Poly(butylene terephthalate) 25037-45-0,
 Bisphenol A **polycarbonate** 25038-59-9, Poly(ethylene

terephthalate), uses 26062-94-2, Poly(butylene terephthalate)
 RL: POF (Polymer in formulation); TEM (Technical or engineered material
 use); USES (Uses)
 (weatherable polymer blends contg. **polyester-**
polycarbonate block copolymers)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Bayer; EP 0448814 A 1991 HCPLUS
- (2) General Electric; EP 0736558 A 1996 HCPLUS
- (3) Union Carbide; EP 0193176 A 1986 HCPLUS

IT 265997-77-1P

RL: IMF (Industrial manufacture); POF (Polymer in formulation);
 TEM (Technical or engineered material use); PREP (Preparation);
 USES (Uses)
 (weatherable polymer blends contg. **polyester-**
polycarbonate block copolymers)

RN 265997-77-1 HCPLUS

CN 1,3-Benzenedicarbonyl dichloride, polymer with 1,4-benzenedicarbonyl
 dichloride, 1,3-benzenediol, carbonic dichloride and 4,4'-(1-
 methylethyldiene)bis[phenol], block (9CI) (CA INDEX NAME)

CM 1

CRN 108-46-3

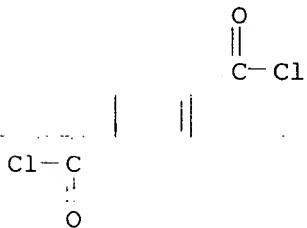
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HO OH

CM 2

CRN 100-20-9

CMF C8 H4 Cl2 O2



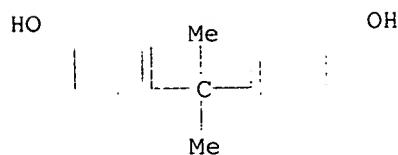
CM 3

CRN 99-63-8

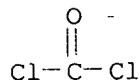
CMF C8 H4 Cl2 O2



CM 4

CRN 80-05-7
CMF C15 H16 O2

CM 5

CRN 75-44-5
CMF C C12 O

L36 ANSWER 16 OF 92 HCAPLUS COPYRIGHT 2002 ACS
 AN 1999:519571 HCAPLUS
 DN 131:145288
 TI Preparation of photochromic polycarbonate compositions and articles and thermoplastic films
 IN Brown, Michael W.; Michel, Rodney Lee; Hamilton, Douglas George;
 Skabardonis, John G.
 PA General Electric Company, USA
 SO Eur. Pat. Appl., 14 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 IC ICM C08J003-21
 ICS C08J005-18
 ICI C08L069-00
 CC 37-6 (Plastics Manufacture and Processing)
 Section cross-reference(s): 38

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 934968	A2	19990811	EP 1999-300532	19990126
	EP 934968	A3	19990818		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				